ABSTRACT OF THE DISCLOSURE

Process for setting controller parameters (PA, K1 . . . Kn) of a state controller (SC) which, together with a plant (PL), forms a closed control circuit (C). The controller parameters (PA, K1 . . . Kn) are variable only in such manner that, in a representation of the poles (P1 . . . P5) of the closed control circuit (C) in a complex frequency range plane (FP, IM, RE), the setting of the controller parameters causes a shift of the poles (P1 . . . P5) approximately along semi-circular arcs (K) and/or origin rays (A1 . . . A3). It is advantageous that according to the process of the invention the setting of the controller parameters (PA, K1 . . . Kn) of the state controller (SC) can be performed by setting predetermined setting parameters that are, from a control-technological standpoint, easily understandable and recognizable. Such parameters are, for example, amplitude factor (κ), rise time (μ), or transient recovery time (t).